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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

AUGUST, 1931

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Any five of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. As many as five additional publications may be sent free if the applicant gives sufficient proof that they are urgently needed. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

☞Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

GENERAL PUBLICATIONS

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Horse-breeding suggestions for farmers. H. H. Reese, Bureau of Animal Industry. 18 p., illus. (Farmers' Bulletin 803F., rev.) Price, 5¢.

Farm sheep raising for beginners. F. R. Marshall and R. B. Millin. 22 p., illus. (Farmers' Bulletin 840F., rev.) Price, 5¢.

How to attract birds in the East Central States. W. L. McAtee, Bureau of Biological Survey. 14 p., illus. (Farmers' Bulletin 912F., rev.) Price, 5¢.

Breeds of light horses. H. H. Reese, Bureau of Animal Industry. 14 p., illus. (Farmers' Bulletin 952F., rev.) Price, 5¢.

Waterproofing and mildewproofing of cotton duck. H. P. Holman and T. D. Jarrell, Bureau of Chemistry and Soils. 10 p., illus. (Farmers' Bulletin 1157F., rev.) Price, 5¢.

How to grow rice in the Sacramento Valley. Jenkin W. Jones, Bureau of Plant Industry. 34 p., illus. (Farmers' Bulletin 1240F., rev.) Price, 5¢.

Tomatoes as a truck crop. W. R. Beattie, Bureau of Plant Industry. 34 p., illus. (Farmers' Bulletin 1338F., rev.) Price, 10¢.

Selection of cotton fabrics. Ruth O'Brien, Bureau of Home Economics. 22 p., illus. (Farmers' Bulletin 1449F., rev.) Price, 5¢.

Rural community fire departments. Wayne C. Nason, Bureau of Agricultural Economics. 46 p., illus. (Farmers' Bulletin 1667F.) Price, 10¢.

Farm terracing. C. E. Ramsel, Bureau of Agricultural Engineering. 22 p., illus. (Farmers' Bulletin 1669F.) Price, 5¢.

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Indicate below, by numbers, bulletins desired. Detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications.

Farmers' Bulletins	Leaflets	Technical Bulletins	Circulars	Miscellaneous Publications	Other Publications

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins, except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Maintaining the health of livestock in transit. A. W. Miller, Bureau of Animal Industry. 8 p., illus. (Leaflet 38L., rev.) Price, 5¢.

Bracing farm buildings. George W. Trayer, Forest Service, and M. C. Betts, Bureau of Agricultural Engineering. 6 p., illus. (Leaflet 77L.) Price, 5¢.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

Transporting and handling milk in tanks. Ralph P. Hotis, Bureau of Dairy Industry. 24 p., illus. (Technical Bulletin 243T.) Price, 10¢.

Some factors affecting the viscosity of cream. C. J. Babcock, Bureau of Dairy Industry. 20 p., illus. (Technical Bulletin 249T.) Price, 25¢.

Two citrus leaf miners of the Far East. C. P. Clausen, Bureau of Entomology. 14 p., illus. (Technical Bulletin 252T.) Price, 5¢.

Petroleum oils and oil emulsions as insecticides, and their use against the San Jose scale on peach trees in the South. H. S. Swingle and Oliver I. Snapp, Bureau of Entomology. 48 p., illus. (Technical Bulletin 253T.) Price, 10¢.

Life history of the codling moth in the Rogue River Valley of Oregon. M. A. Yothers and E. R. Van Leeuwen, Bureau of Entomology. 35 p., illus. (Technical Bulletin 255T.) Price, 10¢.

Longevity and germination of seeds of Ribes, particularly *R. rotundifolium*, under laboratory and natural conditions. A. E. Fivaz, Bureau of Plant Industry. 40 p., illus. (Technical Bulletin 261T.) Price, 15¢.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Tomato late-blight rot, a serious transit and market disease. G. B. Ramsey and Alice Allen Bailey, Bureau of Plant Industry. 11 p., illus. (Circular 169C.) Price, 5¢.

The control of the lesser peach borer with paradichlorobenzene solutions. Oliver I. Snapp and J. R. Thomson, Bureau of Entomology. 12 p., illus. (Circular 172C.) Price, 5¢.

Observations on the satin moth and its natural enemies in central Europe. R. C. Brown, Bureau of Entomology. 20 p., illus. (Circular 176C.) Price, 5¢.

Effect of heat treatment upon the quality of dry skim milk and condensed skim milk for ice cream. O. E. Williams and S. A. Hall, Bureau of Dairy Industry. 11 p., illus. (Circular 179C.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Protect white pine from blister rust. J. F. Martin, Bureau of Plant Industry Illus. (Miscellaneous Publication 22MPF., rev.) Price, 10¢.

Important western browse plants. William A. Dayton, Forest Service. 214 p., illus. (Miscellaneous Publication 101MP.) Price, 45¢.

Forest rangers' catechism. Questions and answers on the national forests of the California region. R. W. Ayers and Wallace I. Hutchinson, Forest Service. 48 p., illus. (Miscellaneous Publication 109MP.) Price, 15¢.

The outlook for the dairy industry. Prepared by the Bureau of Agricultural Economics. 60 p., illus. (Miscellaneous Publication 124MP.) Price, 15¢.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Arizona, The Paradise-Verde area. (1928, No. 6.) Price, 20¢.

Nebraska, Custer County. (1926, No. 36.) Price, 45¢.

South Carolina, Williamsburg County. (1928, No. 7.) Price, 15¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Modification of European corn borer quarantine regulations. 3 p. (P. Q. C. A.-Q. 43, rev., Effective July 24, 1931.)

Modification of pink bollworm quarantine regulation. Plant Quarantine and Control Administration. 2 p. (PQCA–Q52, rev., effective August 1, 1931.)

Information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry for July, 1931. pp. 67–80. (S. R. A.—B. A. I. 291.) Price, 5¢.

Notices of judgment under the insecticide act. Food and Drug Administration. pp. 93–98. (N. J., F. D. 1201–1205.) Price, 5¢.

Service and regulatory announcements. Plant Quarantine and Control Administration. October–December, 1930. pp. 133–199. (S. R. A.-P. Q. C. A. 105.) Price, 5¢. January–March, 1931. 38 p. (S. R. A.-P. Q. C. A. 106.) Price, 5¢.

OTHER PUBLICATIONS

Directory of field activities of the Plant Quarantine and Control Administration, 1931. Revised July 1, 1931. 60 p. Price, 10¢.

List of current quarantine and other restrictive orders and miscellaneous regulations. Plant Quarantine and Control Administration. 7 p.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase of subscription from the Superintendent of Documents.

Agricultural situation. Vol. 15, No. 8, August, 1931. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.[1]

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, upper Michigan, lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 65, No. 2, August, 1931. Vol. 65, No. 3. August, 1931, Abstract number. Single numbers for sale only. Price, 10¢.[1]

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; $1.25 a volume, foreign.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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Extension service review. Vol. 2, No. 8, August, 1931. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Forest worker. Vol. 7, No. 4, July, 1931. Price, 5¢ a copy; 25¢ a year, domestic; 35¢ a year, foreign.[1]

News of State, forestry, forestry education, private forestry, and the work of the Forest Service.

Journal of agricultural research. Price, 20¢ a copy; $4 a year, domestic; $5.25 a year, foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

——— Vol. 43, No. 1. July 1, 1931. Illus.

CONTENTS:

The use of polymorphic curves in determining site quality in young red pine plantations. Key No. Conn. (New Haven)–1. Henry Bull.

A bacterial disease of barberry caused by *Phytomonas berberidis,* n. sp. Key No. Ill.–45. H. H. Thornberry and H. W. Anderson.

Eupteromalus nidulans, a parasite of the brown-tail and satin moths. Key No. K–217. A. B. Proper.

A seed caterpillar, *Grapholitha conversana* Wlsm., on a native clover in the North Pacific region. Key No. K–218. L. P. Lockwood and Sarah K. Zimmerman.

Influence of thallium salts upon the molting mechanism of fowls. Key No. Conn. (Storrs)–2. Walter Landauer.

An instrument for determining the breaking strength of straw, and a preliminary report on the relation between breaking strength and lodging. Key No. Kans.–62. S. C. Salmon.

Characteristics associated with abortion and intersexual flowers in the eggplant. Key No. Okla.–20. Ora Smith.

Monthly weather review. Vol. 59, No. 5, May, 1931. illus. Price 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign.[1] Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Public roads. Vol. 12, No. 5, July, 1931. Illus. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[1]

The official record. Vol. 10, Nos. 31–35, August 1, 8, 15, 22, 29, 1931. Price, 5¢ a copy; 50¢ a year, domestic; $1.10 a year, foreign.[1]

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weekly weather and crop bulletin. Nos. 31–34, August 4, 11, 18, 25, 1931. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

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